IN THE SPECIFICATION

Please amend the specification as follows:

Please replace the paragraph beginning on page 19, lines 10-24 with the following rewritten paragraph as follows:

--   The configuration of the content relay node of FIG. 1 can be also designed by applying physical interfaces for the receiving and transmitting units and applying, for example, an N x N crossbar switch for the switch 1. In this case, the receiving unit, switch, and transmitting unit relating to data transfer have configurations common to those of a conventional router architecture using a network layer address. In the receiving and transmitting units, a circuit for performing high-speed hardware process or the like is installed in order to perform a packet process exclusively. Determination of a route in the application layer using the SRT and the physical address in a data link layer or below are controlled in a direct linkage manner with the Network Storage Address (NSA). --